

Pretreatment of the Nafion® membrane

- Slightly boiling ($\approx 80^{\circ}\text{C}$) in 3 &percent; H_2O_2 for 1 hour
- Slightly boiling ($\approx 80^{\circ}\text{C}$) in deionized water for 2 hours
- Slightly boiling ($\approx 80^{\circ}\text{C}$) in 0.5M H_2SO_4 The membrane needs to be rinsed between the boiling steps and after the final boiling step. After the pretreatment the membrane needs to be stored in deionized water all the time and must not dry.

